PWG 71

Extra Item Rate List

Name Of Work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sl.No.	Item of Work	Unit	Approximate Quantity	Rate	Amount in Rs.	Whether the items are alternative to items in the tender or whether they are additional items (If items are in lieu of some items in the accepted tender, such items should be mentioned	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the extra item is included in the schedule of rate of the Division. If so reference to this item of the schedule to be given, If not data sheets should accompany the rate list	Remarks
1	2		3	4	5	6	7	8	9	10
1	Geophysical investigation of site for Sinking borewell for supplying drinking water to the habitations either through the hand pump,MWS,P.W.S.S by vertical electrical sounding by adpoting venner or Schlumberger's method,including reconnaissance survey of Geological formation. Geophysical investigation of existing ground indecundity its quality & acceptability of the users indicating the location of site,recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 metre inconsolidated formation for proper seating of casing pipe,depth of drilling required to cover full depth of aquifer proposed to be tapped,probable yield and other information required including transportation of instrument and accesories to work site,engaging technical personal and labour required etc.,(Issue rate as on date 02/05/2019 It.13.04)	No;s	6.00	3805.68	22834.08	Additional item	No	In the revised estimate to be sanctioned later		
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 300 PSIG & above 1100 CMF & above in all strata including over burden upto 20 M fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicals, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding cost of casing pipes, collars, cap ect.) (Issue rate as on date 02/05/2019 It.13.01)	Rmt	300.00	350.47	105141.00	Additional item	No	In the revised estimate to be sanctioned later		
3	50 to 100 m	Rmt	300.00	446.42	133926.00	Additional item	No	In the revised estimate to be sanctioned later		
4	100 to 150 m	Rmt	300.00	460.56	138168.00	Additional item	No	In the revised estimate to be sanctioned later		
5	150 to 200 m	Rmt	300.00	541.36	162408.00	Additional item	No	In the revised estimate to be sanctioned later		

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1	2		3	4	5	6	7	8	9	10
6	200 to 250 m	Rmt	300.00	640.34	192102.00	Additional item	No	In the revised estimate to be sanctioned later		
7	250 to 300 m	Rmt	300.00	707.00	212100.00	Additional item	No	In the revised estimate to be sanctioned later		
8	300 to 350 m	Rmt	300.00	833.25	249975.00	Additional item	No	In the revised estimate to be sanctioned later		
9	350 to 400 m	Rmt	300.00	909.00	272700.00	Additional item	No	In the revised estimate to be sanctioned later		
10	400 to 420 m	Rmt	120.00	1140.29	136834.80	Additional item	No	In the revised estimate to be sanctioned later		
11	Providing and fixing 250mm dia PVC (casing pipe) (page no.XXXI, SL no.909) (KPWD SR 2016-17)	Rmt	72.00	2626.00	189072.00	Additional item	No	In the revised estimate to be sanctioned later		
12	Supply of ISI Mark 175mm nominal Bore, Plain end steel casing Pipe-grade of steel Fee 4100 of wakk thickness 504mm thick confirming to IS 4270:2001 and latest amendments, electric resistance welded steel electric or basic oxygen process in fandom length of 5 to 7mtr. Both ends threaded confirming to Is554/1985 one end fixed with socket confirming to IS 270:2001 and other end with screwed pipes. All pipes shall be reasonably free from defectes. The tubes shall be resonably straigth should be with ISI Marking Weighting 25.10 kg/mtr (Inclusive of all taxes and durties) Prices include Collar - medium duty. (Page No.III,It no.84)PRED SR 2012-13.	Rmt	420.00	1338.25	562065.00	Additional item	No	In the revised estimate to be sanctioned later		
13	Providing 175mm Dia M.S. Collar (P.No.iii,I.No.86) PRED SR 2012-13	No	70.00	151.50	10605.00	Additional item	No	In the revised estimate to be sanctioned later		
14	Providing 175mm dia Bore Cap CE (M) (P.No.iii,I.No.85) PRED SR 2012-13	No	6.00	101.00	606.00	Additional item	No	In the revised estimate to be sanctioned later		
15	Atalanta suguna CRI KIRLOSKAR and other equipments pumps 10.00 HP/7.5 KV (20 stage) (Pg No. XLI. Sl.no.29) KPWD SR-2018-19	No	6.00	50454.55	302727.30	Additional item	No	In the revised estimate to be sanctioned later		

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Name Of Work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sl.No.	Item of Work	Unit	Approximate Quantity	Rate	Amount in Rs.	Whether the items are alternative to items in the tender or whether they are additional items (If items are in lieu of some items in the accepted tender, such items should be mentioned	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the extra item is included in the schedule of rate of the Division. If so reference to this item of the schedule to be given, If not data sheets should accompany the rate list	Remarks
1	2		3	4	5	6	7	8	9	10
16	Providing and fixing in trenches galvinised/mild steel tube 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for seperately) including cost of all materials, labour charges,HOM of equipment and testing complete as per specifications. Specification No. KBS 13.2.14/13.6 (page no.92/lt no.13.15)KPWD SR 2018-19	Rmt	2268.00	415.39	942110.87	Additional item	No	In the revised estimate to be sanctioned later		
17	Supplying and drawing 3 core flat PVC sheathed submersible pump cable maufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 to IS 8130-1984 and virgin grade PVC insulation and power coating extruded PVC sheathed suitable for working voltage upto 1100 volts with specified IS 694:1990 and confirming to the attwached GTP of group A 3CX4.0 sq mm (PWD Ele SR 2014-15,P-12/lt-2.10.3)	Rmt	4596.00	127.97	588136.33	Additional item	No	In the revised estimate to be sanctioned later		
18	Providing and fixing in position 50mm Nominal bore non-return valve vertical type of approved make including cost of all materials,labour and HOM of equipment with all leads complete as per specifications.(PWD SR 18-19,P-95/lt no.13.62)	No	6.00	1358.59	8151.55	Additional item	No	In the revised estimate to be sanctioned later		
19	Spplying and fixing 50mm GI Union.(PWD SR 2018-19,P-XXXIX)	No	6.00	225.94	1355.62	Additional item	No	In the revised estimate to be sanctioned later		
20	Spplying and fixing 50mm GI Elbow.(PWD SR 2018-19,P-XXXIX)	No	6.00	112.92	677.51	Additional item	No	In the revised estimate to be sanctioned later		
21	Spplying and fixing 50mm GI Nipple.(PWD SR 2018-19,P-XXXIX)	No	6.00	105.34	632.06	Additional item	No	In the revised estimate to be sanctioned later		
22	Spplying and fixing 50mm GI Hose colleres(PWD SR 2018-19,P-XXXIX)	No	378.00	104.03	39323.34	Additional item	No	In the revised estimate to be sanctioned later		
23	Supplying and fixing 20" x 20" x 2.5" polished wood board made of not less than 15mm thick plank on both the sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., P.no.44 / 1 no. 6.6.6 KPWD ELE SR 2019-20	No	6.00	305.02	1830.12	Additional item	No	In the revised estimate to be sanctioned later		

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Extra Item Rate List

Name Of Work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

Sl.No.	Item of Work	Unit	Approximate Quantity	Rate	Amount in Rs.	Whether the items are alternative to items in the tender or whether they are additional items (If items are in lieu of some items in the accepted tender, such items should be mentioned	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is proposed to be met	Whether the extra item is included in the schedule of rate of the Division. If so reference to this item of the schedule to be given, if not data sheets should accompany the rate list	Remarks
1	2		3	4	5	6	7	8	9	10
24	Supplying and fixing miniature circuit breakers on existing MCB distribution board using necessary fixing materials and 'C' type curve indicator ON/OFF energy cross-3 with short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.(PWD Ele SR 2019-20,P-47/Sl no.6.16.6) 40-63 Amps	No	6.00	1955.36	11732.16	Additional item	No	In the revised estimate to be sanctioned later		
25	Supplying of TPST with rewirable porcelain channels in SM encloser made out of 14 SWG powder coated point of approved colour 32 amps (PWD Ele SR 2019-20,P-24,It-5.5.1)	No	6.00	1818.00	10908.00	Additional item	No	In the revised estimate to be sanctioned later		
26	Supplying and fixing LED type panel board indicating lamp with required colour suitable for 220 V AC 50 HZ 12/24 V DC(PWD Ele SR 2019-20,p-29,Sl no.5.38)	No	6.00	434.30	2605.80	Additional item	No	In the revised estimate to be sanctioned later		
27	Suppling fully automatic star delta starter unit push button type with suitable wires 2 conductors and adjustable thermal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts phase and wired after fixing to the existing wooden board for motor. upto 12.5HP(PWD Ele SR 2019-20,p-24,Sl no.-5.2.1)	No	6.00	6464.00	38784.00	Additional item	No	In the revised estimate to be sanctioned later		
28	Supplying and fixing single phase preventer using necessary wires over an existing panel board suitable for motar up to 20 HP capacities.(PWD Ele SR 2019-20,p-44/Sl no.5.3)	No	6.00	752.45	4514.70	Additional item	No	In the revised estimate to be sanctioned later		
29	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade multistrand copper conductor single core wire in open or concealed system of wiring as per IS 694:1990 & conforming to the attached GTP of group A. 4 sqmm (PWD Ele SR 2019-20,p-6,It-2.3.4(d)	Mtrs	120.00	45.45	5454.00	Additional item	No	In the revised estimate to be sanctioned later		
30	Supplying fixing and wiring heavy duty low voltage capacitors conforming to IS 2834 phase 400/440 volts grade, for power factor improvement of rotating machinery.(PWD Ele SR 2019-20,p-29/Sl no.5.37)	No	24.00	404.00	9696.00	Additional item	No	In the revised estimate to be sanctioned later		

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Name Of Work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

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1	2		3	4	5	6	7	8	9	10
31	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cotouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia (PWD Ele SR 2019-20,p-40,Sl no.6.1)	No	6.00	3029.70	18178.18	Additional item	No	In the revised estimate to be sanctioned later		
32	Digging of trench of 0.36mtrs deepx0.5 mtrs wide refilling the trench to the required gorund level and consolidating etc., complete (PWD Ele SR 2019-20,p-41,It-6.6.2) hard soil	Mtrs	48.00	103.02	4944.96	Additional item	No	In the revised estimate to be sanctioned later		
33	Supplying laying 1.1 KV class LT UG cable having aluminium conductor PVC insulated extruded inner shethed galvanised steel strip (excep 2cx 10 sqmm wire armoured) confirming to IS-3975:1990 (No. of strip indicated in GTP) and extruded PVC outer sheathed armoured cable with specified IS-1554,part 1:1988 and confirming to the attached GTP of group A 4 core 16 sq mm PWD Ele SR 2019-20,p-40,It-6.4.4)	Mtrs	60.00	151.50	9090.00	Additional item	No	In the revised estimate to be sanctioned later		
34	Labour charge for laying 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe/ on wall / on poles as required in existing trench/duct. 6 sq mm to 16 sq mm(PWD Ele SR 2019-20,p-41,It-6.5.1)	No	150.00	11.92	1787.70	Additional item	No	In the revised estimate to be sanctioned later		
35	Supplying and fixing class-A(medium duty) GI pipe wall thickness not less then 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class 40mm(PWD Ele SR 2019-20,p-41,It-6.9.1)	Rmt	12.00	338.35	4060.20	Additional item	No	In the revised estimate to be sanctioned later		
36	Supplying and fixing LT cast iron pot heads suitable for 1.1KV class UG cable filled with necessary bitumen / insulating compound complete with terminals,clamps bolts and nuts and washer etc.,complete for 16 sq mm as per specifications.(PWD Ele SR 2019-20,p-42,It-6.10.2)	No	6.00	272.70	1636.20	Additional item	No	In the revised estimate to be sanctioned later		

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Extra Item Rate List

Name Of Work : Compreshensive development of roads and drains in Muthyalanagara, LC-4A, Mohankumarnagara, Sundar nagara and surrounding areas in ward no-17 under PACKAGE-2019-20 RRN-DIV-(09)

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1	2		3	4	5	6	7	8	9	10
37	Supplying and fixing porcelain fuse channel with cut out on the existing wooden block and wiring complete 63 amps(PWD Ele SR 2019-20,p-25,It-5.7.3)	No	18.00	229.27	4126.86	Additional item	No	In the revised estimate to be sanctioned later		
38	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 meters, stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 (KPWD SR 2018-19, P-140, It 18.47)	Cum	85.86	962.47	82637.62	Additional item	No	In the revised estimate to be sanctioned later		
39	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5 (KPWD SR 2018-19, P-6, It-2.4)	Cum	128.79	480.70	61909.28	Additional item	No	In the revised estimate to be sanctioned later		
40	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete. (external work) - 50mm nominal OD pipes (KPWD SR 2018-19, P-99, It-13.87.6)	Cum	954.00	462.50	441224.24	Additional item	No	In the revised estimate to be sanctioned later		
41	Making connection of G.I.distribution branch with G.I.main of 25mm to 40mm. Nominal bore, including cutting and threading the pipes,providing and fixing Tee, nuts,labour for all item of works,testing and HOM of equipments complete as per specifications. (P.No.93/1.No. 13.20 of KPWD SR 2018-19)	no	6.00	517.10	3102.60	Additional item	No	In the revised estimate to be sanctioned later		

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1	2		3	4	5	6	7	8	9	10
42	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling & testing of joints complete. (external work). - 20mm nominal OD pipes (KPWD SR 2018-19, P-98, It-13.85.2)	Mtrs	96.00	168.08	16136.08	Additional item	No	In the revised estimate to be sanctioned later		
43	Providing and fixing to wall, ceiling and floor Medium density polyethylene pipes 6.00 kgf/sq.cm working pressure 25mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 (KPWD SR 2018-19, P-95, It-13.67)	Mtrs	912.00	138.11	125953.95	Additional item	No	In the revised estimate to be sanctioned later		

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Extra Item Rate List

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1	2		3	4	5	6	7	8	9	10
44	KSRB 2-4 : Refilling available around earth pipe lines,cables in layers mot exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m. And lift upto 1.5m. Including cost of all labour complete as per specifications.(KPWD SR 2018-19, P-7, it-2.11)	Cum	90.15	129.54	11678.65	Additional item	No	In the revised estimate to be sanctioned later		
45	Loading and unloading of stone boulder/stone aggregates/sand/kanker/ moorum. KSRRB M100-1:Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (KPWD SR 2018-19,P-136, it.17.1)	Cum	124.50	98.94	12317.68	Additional item	No	In the revised estimate to be sanctioned later		
46	KSRB 2-4 : Providing and fixing in position brass gate valve with C.I.wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials,labour and HOM of equipments with all leads complete as per specifications. (P.No.94/ I.No. 13.37 of KPWD SR 2018-19)	no's	6.00	1861.77	11170.64	Additional item	No	In the revised estimate to be sanctioned later		
47	KSRB13-6.2-1 : Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (Pg No:-93/I.No:-13.26 of KPWD SR 2018-19 2018-19)	n	6.00	150.95	905.73	Additional item	No	In the revised estimate to be sanctioned later		
48	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.13, I.No. 4.3 of KPWD SR 2018-19)	Cum	42.93	5861.86	251649.49	Additional item	No	In the revised estimate to be sanctioned later		
	Total				5419686.30					

"Here by EIPL amount Rs: 54,19,686/- (Fifty four Lakhs nineteen thousand Six hundred Eighty Six only) is approved"

EIPL is approved

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